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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Shunsuke SHUTOU**

Group Art Unit: **Not yet assigned**

Serial Number: **10/557,837**

Examiner: **Not yet assigned**

Filed: **November 21, 2005**

Confirmation Number: **6758**

For: **METHOD FOR PRODUCING ANISOTROPIC FILM**

Attorney Docket Number: **053078**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

February 21, 2006


Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. This paper is being filed within the time periods set forth in 37 C.F.R. §1.97(b). A copy of each non-U.S. document is enclosed herewith.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosures: PTO/SB/08  
14 References

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

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Complete if Known

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Filing Date	November 21, 2005
First Named Inventor	Shunsuke SHUTOU
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	053078

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
	1	US 5,700,860	A	12-23-1997	Nishikawa et al.
		US			
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	2	JP	9-230353	A	09-05-1997	Japan Synthetic Rubber Co., Ltd.	Corrs. to 1
	3	JP	2990270	B2	10-15-1999	Agency Ind. Science Techn.	Abstract, JPO
	4	JP	3113539	B2	09-22-2000	Nippon Telegraph & Telephone	Abstract, JPO
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	8	JP	2001-343529	A	12-14-2001	Kaneka Corp.	Corrs. to 9
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	10	JP	2002-202408	A	07-19-2002	Hayashi Telempu KK.	Abstract, JPO
	11	JP	2002-202406	A	07-19-2002	Hayashi Telempu KK.	Abstract, JPO

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
	12	MARTIN SCHADT et al., "Surface-Induced Parallel Alignment of Liquid Crystals by Linearly Polymerized Photopolymers", Jpn. J. Appl. Phys. Vol. 31, pp. 2155-2164 (1992)	N/A
	13	MARTIN SCHADT et al., "Optical patterning of multi-domain liquid-crystal displays with wide viewing angles", Nature, Vol. 381, pp. 212-216 (1996)	N/A
	14	M. NISHIKAWA et al. "Effect of chemical structures of polyimides on photosensitivity of liquid crystal alignment using a polarize UV exposure", Liquid Crystals, Vol. 26, No. 4, pp. 575-580 (1999)	N/A
	15	KUNIIKO ICHIMURA, "Photocontrol of Liquid Crystal Alignment", Applied Physics, Vol., 62, No. 10, pp. 998-1001 (1993)	Partial

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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